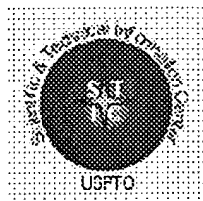


[Home](#) | [Intranet](#) | [Resources](#) | [Contact](#) | [Intranet Search](#)

Scientific and Technical Information Center

[Patent Intranet](#) > [NPL Virtual Library](#) > [Request a Prior Art Search](#)[Patents Home](#) | [Site Feedback](#)[NPL Home](#) | [STIC Catalog](#) | [Site Guide](#) | [EIC](#) | [Automation Training/ITRPs](#) | [Contact Us](#) | [STIC Staff](#) | [FAQ](#) | [Firewall Authentication](#)Request a Prior Art Search

Search requests relating to published applications, patent families, and litigation may be submitted by filling out this form and clicking on "Send."

For all other search requests, fill out the form, print, and submit the printout with any attachments to the STIC facility serving your Technology Center.

Tech Center:

- ☐ TC 1600 ☐ TC 1700 ☐ TC 2100 ☐ TC 2600
☐ TC 2800 ☐ TC 3600 ☒ TC 3700 ☐ Other

Enter your Contact Information below:

Name: Employee Number: Phone: Art Unit or Office: Building & Room Number: Enter the case serial number (Required):

If not related to a patent application, please enter NA here.

Class / Subclass(es) Earliest Priority Filing Date:

Format preferred for results:

☒ Paper ☐ Diskette ☐ E-mail

Provide detailed information on your search topic:

- In your own words, describe in detail the concepts or subjects you want us to search.
- Include synonyms, keywords, and acronyms. Define terms that have special meanings.
- *For Chemical Structure Searches Only*
Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers
- *For Sequence Searches Only*
Include all pertinent information (parent, child, divisional, or issued patent numbers) along with

the appropriate serial number.

- ***For Foreign Patent Family Searches Only***
Include the country name and patent number.
- Provide examples or give us relevant citations, authors, etc., if known.
- FAX or send the **abstract, pertinent claims** (not all of the claims), **drawings, or chemical structures** to your EIC or branch library.

Enter your Search Topic Information below:

The subject matter is producing or generating pressure changes in the mouth of a mammal by applying vacuum to the mouth during the inhalation cycle of a breathing cycle and also inducing positive or atmospheric pressure in the mouth during the exhalation cycle of the breathing cycle.

Key Words: pressure, vacuum, positive pressure, mouth, oral cavity, throat, mammal/animal, sensor, controller/processor/microprocessor/cpu/computer

Please note this is a reissue case and therefore the previous patent is to US 5,970,976

Special Instructions and Other Comments:

(For fastest service, let us know the best times to contact you, in case the searcher needs further clarification on your search.)

The best way to reach me is via email. Thank you.

Press ALT + F, then P to print this screen for your own information.

SEND

RESET

[USPTO Intranet Home](#) | [Index](#) | [Resources](#) | [Contacts](#) | [Internet](#) | [Search](#) | [Web Services](#)

Last Modified: 12/05/2003 15:08:46



STIC Search Report

EIC 3700

STIC Database Tracking Number: 116272

TO: Mital Patel
Location: pk1 11c57
Art Unit: 3743

Case Serial Number: 09/982276

From: Jeanne Horrigan
Location: EIC 3700
CP2-2C08
Phone: 305-5934

jeanne.horrigan@uspto.gov

Search Notes

Attached are the search results for the apparatus and method for producing pressure changes in the throat/oral cavity, including prior art searches in foreign and international patent databases; and medical device and general sci/tech non-patent literature databases.

Although I tagged the items that seemed most relevant to me, I recommend that you review all of the results.

Also attached is a search feedback form. Completion of the form is voluntary. Your completing this form would help us improve our search services.

I hope the attached information is useful. Please feel free to contact me (phone 305-5934 or email jeanne.horrigan@uspto.gov) if you have any questions or need additional searching on this application.

JH

Solomon, Terrance

From: Unknown@Unknown.com
Sent: Monday, March 08, 2004 2:10 PM
To: STIC-EIC3700
Subject: Generic form response

ResponseHeader=Commercial Database Search Request

AccessDB#= 116 272

LogNumber= _____

Searcher= _____

SearcherPhone= _____

SearcherBranch= _____

MyDate=Mon Mar 8 14:08:21 EST 2004

submitto=STIC-EIC3700@uspto.gov

Name=Mital Patel

Empno=77789

Phone=703-306-5444

Artunit=3743

Office=CPK1-11C57

Serialnum=09/982276

PatClass=128/~~204.18,204.23,204.21,204.22~~,200.24,202.16,205.19; 600/529,543

Earliest=3/31/98

Format1=paper

Searchtopic=The subject matter is producing or generating pressure changes in the mouth of a mammal by applying vacuum to the mouth during the inhalation cycle of a breathing cycle and also inducing positive or atmospheric pressure in the mouth during the exhalation cycle of the breathing cycle.

Key Words: pressure, vacuum, positive pressure, mouth, oral cavity, throat, mammal/animal, sensor, controller/processor/microprocessor/cpu/computer

Please note this is a reissue case and therefore the previous patent is to US 5,970,976

Comments=The best way to reach me is via email. Thank you.

send=SEND

Searcher: *Jeanne Horrigan*



STIC Search Results Feedback Form

EIC 3700

Questions about the scope or the results of the search? Contact *the EIC searcher* or contact:

John Sims, EIC 3700 Team Leader
308-4836, CP2-2C08

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: Example: 3730

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles; conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC3700/CP2-2C08.

